(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **00280755AA**

Total Pages in this Submission

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TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

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Trans	smitte	ad he	erewith for	r filing under 3	5 U.S			3(b) is a new utility patent application for an
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II.u.	ug-1	ang c	Juang, rei	nno F. Fieatii, i	III, n	Hui Lei, Jenny S.	. Li, Michael J.	Dikun
								
								the requisite information:
		tinua	tion 🔲	Divisional		Continuation	ı-in-part (CIP)	of prior application No.:
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		tinuat	tion 🗌	Divisional		Continuation	-in-part (CIP)	of prior application No.:
Which			-					
[] (Cont	tinuat	tion 🗀] Divisional		Continuation	-in-part (CIP)	of prior application No.:
Enclo	sed	are:						
						Applicatio	on Elements	•
1.	\boxtimes	Filir	ng fee as	calculated and	d trar	nsmitted as des	cribed below	
•	578							
2.	X	Spe	pecification having 16 pages and including the following:		icluding the following:			
	a.	\boxtimes	Descript	tive Title of the	e inve	ention		
	b.	\boxtimes	☑ Cross References to Related Applications (if applicable)					
	C.		Stateme	ent Regarding	Fed€	erally-sponsored	d Research/De	velopment (if applicable)
	d.		Referen	ce to Sequenc	e Lis	sting, a Table, o	or a Computer f	Program Listing Appendix
	e.	\boxtimes		ound of the Inve				
	f.	X	Brief Sur	ımmary of the I	Inver	ntion		
	g.	X	Brief De	escription of the	e Dra	wings (if filed)		
	h.	X	Detailed	Description				
	i.	\boxtimes	Claim(s)) as Classified	Belo)W		
	j.	\boxtimes	Abstract	t of the Disclos	ure	•		



UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Total Pages in this Submission

Applicati n Elements (Continued)

3.		Drawing(s) (when necessary as prescribed by 35 USC 113)								
	a.		Formal		Number of Sheets					
	b.	\boxtimes	Informal		Number of Sheets 4					
4.	\boxtimes	Oat	th or Deck							
	a.	\boxtimes	Newly e	xecuted	(original or copy) Unexecuted					
	b.		Copy fro	m a pric	or application (37 CFR 1.63(d)) (for continuation/divisional application only)					
	c.	X	With Po							
	d.		Signed s	statemer	NVENTOR(S) at attached deleting inventor(s) named in the prior application, 63(d)(2) and 1.33(b).					
5.		The Box	Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
6.		CD	ROM or C	CD-R in	duplicate, large table or Computer Program (Appendix)					
7.		App	lication D	ata She	et (See 37 CFR 1.76)					
8.		Nuc	leotide an	id/or Am	ino Acid Sequence Submission (if applicable, all must be included)					
	a.		Compute	er Reada	able Form (CRF)					
	b.		Specifica	ation Sec	quence Listing on:					
			i. 🗆	CD-RO	M or CD-R (2 copies); or					
			ii. 🗀	Paper	·					
	C.		Stateme	nt(s) Vei	ifying Identical Paper and Computer Readable Copy					
					Accompanying Application Parts					
9.	\boxtimes	Ass	ignment P	apers (d	cover sheet & document(s))					
10.		37 (37 CFR 3.73(B) Statement (when there is an assignee)							
11.		English Translation Document (if applicable)								
12.		Information Disclosure Statement/PTO-1449								
13.		Preliminary Amendment								
14.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)								
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)								
16.		Cert	ificate of I	Mailing						
			First Clas	ss 🗆	Express Mail (Specify Label No.): HAND DELIVERED					

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

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Docket No. **00280755AA**

Total Pages in this Submission

Accompanying Application Parts (Continued)

17.	\boxtimes	Additional Enclosures (please identify below):
		ASSOCIATE POWER OF ATTORNEY
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
		Warning
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED For #Filed #Allowed #Extra Rate Fee **Total Claims** 14 - 20 = 0 \$0.00 \$18.00 Indep. Claims 2 - 3 = 0 \$86.00 х \$0.00 Multiple Dependent Claims (check if applicable) \$0.00 **BASIC FEE** \$770.00 OTHER FEE (specify purpose) \$0.00 TOTAL FILING FEE \$770.00 ☐ A check in the amount of to cover the filing fee is enclosed. ☑ The Director is hereby authorized to charge and credit Deposit Account No. 50-0510 as described below. ☑ Charge the amount of \$770.00 as filing fee. ☑ Credit any overpayment. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Signature C. Lamont Whitham Dated: N vember 24, 2003 Reg No. 22,424 Whitham, Curtis & Christofferson, P.C. 11491 Sunset Hills Road, Suite 340 Reston, Virginia 20190

CC:

703-787-9400

Customer Number: 30743